

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Noise reduction conduit for non rotary components of aircraft engines, subjected to a characteristic range of temperatures of a gas turbine engine, ~~characterized in that it is constituted of~~ having an annular structure ~~composed of~~ comprising:

a perforated ~~an~~ aerodynamic wet wall (10a, 10b), ~~perforated and~~ mechanically and thermally resistant ~~mechanically and thermally~~; of

a dry wall (12a, 12b), not resistant and of light weight non-resistant dry wall spaced from the wet wall; and of some

a plurality of intermediate elements ~~to which both walls are~~ mechanically attached and that to the wet wall and to the dry wall so as to define a jump or difference of temperature between the wet wall and the dry wall walls;

~~between which wet (10a, 10b) and dry walls (12a, 12b) there are partitions that define~~

wherein the wet wall, the dry wall and the intermediate elements are oriented to define a plurality of cavities (16a, 16b) isolated with regard to each other.

2. (Currently Amended) Conduit according to claim 1, ~~characterized in that~~ wherein it has a revolution configuration.

3. (Currently Amended) Conduit according to claim 1, ~~characterized in that~~ wherein the intermediate elements are oriented to define ~~dry wall defines with the wet wall several~~ a plurality of cavities in both a circumferential direction as well as in and an axial direction between the dry wall and the wet wall.

4. (Currently Amended) Conduit according to claim 1, ~~characterized in that~~ wherein the ~~mentioned~~ cavities are filled with an element selected from the group consisting of a filling a structure, a or material with acoustic damping characteristics and combinations thereof.

5. (Currently Amended) Conduit according to claim 1, ~~characterized in that~~ wherein the ~~mentioned~~ cavities are filled with an element selected from the group consisting of a filling a structure, a or material that provides acoustic absorption characteristics to package the annular structure and combinations thereof.

6. (Currently Amended) Conduit according to claim 1, ~~characterized in that~~ wherein the intermediate elements joining ~~both walls~~ the dry wall and the wet wall ~~consist of~~ comprise an element selected from the group consisting of resistant elements, ~~or axial stiffeners (11a, 11b)~~ and combinations thereof.

7. (Currently Amended) Conduit according to claim 1, claims 1, 4 and 5, ~~characterized in that~~ wherein the intermediate elements joining ~~both walls~~ the dry wall and the wet wall ~~consist of~~ comprise the a filling structure that fill fills the mentioned cavities.

8. (Currently Amended) Conduit according to claim 1, ~~wherein~~ characterized in that the ~~mentioned~~ annular structure is hybrid, the wet wall and the dry wall being ~~constituted~~ comprised of respective different materials.

9. (Currently Amended) Conduit according to claim 1, ~~characterized in that~~ wherein the wet wall is provided with structural reinforcement ribs.

10. (Currently Amended) Conduit according to claim 1, ~~characterized in that~~ wherein it is ~~constituted~~ comprised of independent components connected to each other by ~~means of~~ removable joining elements.

11. (Currently Amended) Conduit according to claim 1, ~~characterized in that~~ wherein the intermediate elements joining ~~both walls~~ consist of the dry wall and the wet wall are oriented to define a honeycomb structure (18a), directly defining ~~directly~~ cavities isolated with regard to each to other.

12. (Currently Amended) Conduit according to claim 4, ~~characterized in that~~ wherein the intermediate elements joining the dry wall and the wet wall comprise a filling ~~both walls consist of the structure that fills fill the mentioned~~ cavities.

13. (Currently Amended) Conduit according to claim 5, ~~wherein characterized in that~~ the intermediate elements joining ~~both walls consist of~~ the dry wall and the wet wall comprise the a filling structure that fills ~~fill~~ the ~~mentioned~~ cavities.

14. (New) Conduit as claimed in claim 3, wherein the intermediate elements joining the dry wall and the wet wall are oriented to define a honeycomb structure, directly defining cavities isolated with regard to each to other.

15. (New) Conduit as claimed in claim 3, wherein there are intermediate elements respectively extending both in a circumferential direction and in an axial direction along the conduit.

16. (New) Conduit as claimed in claim 1, wherein the intermediate elements are not perforated.

17. (New) Conduit as claimed in claim 1, wherein the wet wall is comprised of a plurality of circumferentially separate sections, wherein each section is supported to the dry wall by at least one of the intermediate members.